## Index of Claims



Application No. Applicant(s) 08/897,839 NISHIMOTO ET AL. Examiner Art Unit

2823

(Through numeral) Rejected N Cancelled = Allowed Restricted

Non-Elected Appeal o Interference Objected

Julio J. Maldonado

|          |                  |                     |         | J           | -   |       |          |          |              |        |             |         |      | _      | L          | _       | _             |        |
|----------|------------------|---------------------|---------|-------------|---|-------|----------|----------|--------------|--------|-------------|---------|------|--------|------------|---------|---------------|--------|
| Cl       | aim              |                     | Dat     | e           |   | CI:   | aim      |          | _            | Dat    | e           |         | 7 [  | CI     | aim        |         | _             | D      |
| Final    | Original         | 03<br>De            |         |             |   | Final | Original | (C)      |              |        |             |         |      | Final  | Original   |         |               |        |
|          | 1                |                     |         |             |   |       | 51       |          |              |        |             |         | ] [  |        | 101        |         |               |        |
|          | 2                |                     | $\perp$ |             |   |       | 52       |          |              |        |             |         |      |        | 102        |         |               | I      |
| _        |                  | 1                   | 1       | _           | $\perp \perp \mid$                                    | · L   | 53       | M        | 11           | -      |             | $\perp$ | 4 1  | _      | 103        | 11      | $\rightarrow$ | 4      |
| -        | 4                |                     |         | -           | $\vdash$  | _     | 54       | -        | $\perp$      | -      | $\vdash$    | ++      | 4 1  |        | 104        | -       | -             | _      |
| -        | 1                |                     |         | -           | $\vdash$  | -     | 55       | $\vdash$ | 44           | -      | $\vdash$    |         | 4 1  |        | 105        | -       |               | 4      |
| -        | 6                | ++                  | ++-     | -           |   | -     | 56<br>57 | $\vdash$ | +            | -      |             | ++      | 4 F  |        | 106        | +       | -             | +      |
| -        | -                | +                   | ++      |             | $\vdash$  |       | 58       | -        | +            | -      | +           | +       | -1 F | -      | 107        |         | +             | +      |
| -        |                  |                     | ++-     |             | +   | -     | 59       | +        | +            | +      | +           | +-+     | -l   | -      | 109        | +       | -+            | +      |
| -        | 9<br>10          | +                   | ++      | -           | +   | -     | 60       | +        | +            | +      | ++          | ++      | -l - | -      | 110        | +       | -+            | +      |
| -        | 111              | +++                 | ++      | -           | Н   | -     | 61       | +        | +            | +      | +           | + $+$   | -1 F |        | 111        | +       | +             | +      |
| -        | 12               |                     | ++-     | -           | +   | -     | 62       | -        | +            | -      | ++          | +       | -1 F |        | 112        | +       | +             | +      |
| -        | 13               | +++                 | ++      | +           | +   | -     | 63       | 1        | +            | +      | ++          | +       | 1 h  | -      | 113        | +       | _             | +      |
|          | 14               |                     | 11      |             |   |       | 64       |          | ++           | +      | 1           | 11      | 1 1  |        | 114        | 11      | 7             | +      |
|          | 15               | -                   |         |             |   |       | 65       |          | +            | _      |             |         | 7 1  | _      | 115        | $\top$  |               | $^{+}$ |
|          | 16               |                     |         |             |   |       | 66       |          |              |        |             | 1       | 7 1  |        | 116        | $\neg$  |               | $\top$ |
|          | 17               |                     |         |             |   |       | 67       |          |              |        |             |         | 7 [  |        | 117        |         |               | Т      |
|          | 18               |                     |         |             |   |       | 68       |          | $\Box$       |        |             |         | 3 0  |        | 118        |         |               | T      |
|          | 19               |                     |         |             |   |       | 69       |          |              |        |             |         | ] [  |        | 119        |         |               |        |
|          | 20               | $\perp \perp \perp$ |         |             |   | _     | 70       |          | $\perp$      |        | $\sqcup$    |         | 1 L  |        | 120        |         |               | 4      |
|          | 21               |                     |         | $\vdash$    | $\perp$   | -     | 71       | _        | $\perp$      |        | 4           | $\perp$ | J L  | _      | 121        | $\perp$ | 1             | 4      |
| _        | 22               | $\vdash$            | +       | $\vdash$    | $\vdash$  | -     | 72       | 1        | +            | +      | 1           | -       | 4 1  |        | 122        | +       | -             | -      |
| -        | 23               | ++                  | ++      |             | $\perp$   | -     | 73       | 1        |              |        | 4           |         | 4 1  |        | 123        | 4       | -             | -      |
| <u> </u> | 24               | +++                 | ++-     | <del></del> | $\vdash$  | 1-    | 74       | 1        | 44           | -      | 1           |         | 4 1  | _      | 124        |         | -             | 1      |
| -        | 25               | 1-1-1               | -1-1    | -           | - $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ | -     | 75       |          | -1-1         | -      | -           | ++      | -1 - |        | 125        | -       | +             | +      |
| -        | 26               | 1-1-1               |         |             | $\vdash$  | -     | 76<br>77 | -        | 1-1          |        | -           | +-      | + +  | -      | 126<br>127 |         | +             | -      |
| -        | 2 <b>7</b><br>28 | +++                 | +       |             | +   | -     | 78       | $\vdash$ | +-           | -      | ₩           | +-+     | 4 1  | -      | 128        | +       | -+-           | +      |
| -        | 29               | +++                 | ++-     | -           | $\vdash$  | -     | 79       | -        | +            | +      | +-+-        | +       | -i - | $\neg$ | 129        | ++      | +             | +      |
|          | 30               | +++                 | 1-1-    | -           |   | -     | 80       | +        | +            | +-     | +-+-        | ++      | 4 F  | -      | 130        | +       | $^+$          | +      |
|          | 31               | 111                 | ++-     | $\vdash$    | $\vdash$  | -     | 81       | -        | +            | +      | ++          | +       | 4 1  |        | 131        | +       | +             | +      |
|          | 132              | 111                 | ++      | tt          | $\vdash$  |       | 82       | -        | +            | -      | +           | +       | 1 1  | $\neg$ | 132        | +       | $\neg$        | +      |
|          | 83               |                     | 11      |             |   |       | 83       |          | +            | $\neg$ | H           |         | 1 F  |        | 133        | $\top$  | $\neg$        | 1      |
|          | 34               |                     |         |             |   |       | 84       |          |              |        |             |         | 7 6  |        | 134        |         | $\neg$        | 7      |
|          | 35               |                     |         |             |   |       | 85       |          |              | T      |             |         | 7 [  |        | 135        |         | П             | T      |
|          | 36               |                     |         |             |   |       | 86       |          | $\mathbf{I}$ |        |             |         | ] [  |        | 136        |         |               | I      |
|          | 37               |                     |         |             |   |       | 87       |          | 11           | 1      |             |         | 1 1  |        | 137        |         | _             | 1      |
|          | 38               | 111                 | -       |             | ш   |       | 88       |          | 4            | _      | 1           | 1       | 4 1  | _      | 138        |         | -             | 4      |
|          | 39               | ++                  | +       |             | ш   | -     | 89       | $\perp$  | 11           | _      | 1           |         | 4 L  |        | 139        | $\perp$ |               | -      |
|          | 40               | -                   | -       | -           | Ш   | -     | 90       | $\perp$  | 44           | _      | 1           | -       | 4 1  |        | 140        | $\perp$ |               |        |
| -        | #1<br>#2         | ++                  | +       |             | $\vdash$ $\vdash$                                     | _     | 91       |          | +            | _      | <b>⊢</b> ↓- | 1       | 4 1  | _      | 141        |         | $\perp$       | _      |
| -        |                  |                     | ++-     |             | H   | _     | 92       | -        |              | +      | -           | +       | 4 +  |        | 142        |         | -             | +      |
| -        | 43<br>44         | 1-1-                | ++-     |             | +   | -     | 93       | +        | +            | +-     | +           | ++      | -  ⊦ | -      | 143        | +       | +             | +      |
| -        | 45               | ++                  | +       | +           | $\vdash$  | -     | 95       | +        | ++           | -      | +           | +-+-    |      | -      | 145        | +       | +             | +      |
| -        | 46               | +++                 | ++      | -+-         | ++  | -     | 96       | ++       | ++           | +      |             | ++      | - H  | -      | 146        | +       | +             | +      |
| $\vdash$ | 47               |                     | ++-     | +           |   | -     | 97       | -+       | ++           | +      | +           | ++      | 1 1  |        | 147        | ++      | +             | +      |
| $\vdash$ | 48               | 1                   | +       | +           |   |       | 98       | $\vdash$ | ++           | +      | +           | ++      | 1 1  | $\neg$ | 148        | ++      | +             | +      |
|          | 49               |                     | +       | -           |   | -     | 99       | +        | ++           | +-     | $\vdash$    | 17      | 1 1  |        | 149        | +       | +             | +      |
|          | 48<br>49<br>50   |                     | $\top$  |             |   |       | 100      |          | ++           |        | 11          | 11      | 7 1  | $\neg$ | 150        | +       | +             | +      |
| _        |                  |                     |         |             |   |       |          |          |              |        |             |         |      | _      |            |         | _             |        |

| CI    | aim_       | Date     |  |          |               |            |          |            |               |   |
|-------|------------|----------|--|----------|---------------|------------|----------|------------|---------------|---|
| Final | Original   |          |  |          |               |            |          |            |               |   |
|       | 101        |          |  |          |               | 1          |          |            |               | t |
|       | 102        |          |  |          |               |            |          | Г          |               |   |
|       | 103        |          |  |          |               |            |          |            |               | Ι |
|       | 104        |          |  |          |               |            | L        |            |               |   |
|       | 105        | 1        |  | L        | _             | L          |          | 1_         |               |   |
|       | 106        | -        | _  | 1_       | _             | _          | _        | <u>_</u>   | _             | L |
| _     | 107        | _        | _  | Ļ.,      | -             | 1          | _        | _          | _             | Ļ |
|       | 108        | _        | 1  | 1-       | <u> </u>      | +          | _        | -          | _             | Ļ |
|       | 109        | _        | ┡  | _        | L             | ┡          | -        |            | L             | L |
|       | 110        | ┞-       | -  | ⊢        | ⊢             | -          | -        | ├-         | -             | 1 |
| _     | 111        | ├-       | -  | <b>├</b> | ├-            | -          | -        | 1          | -             | 1 |
|       | 112        | -        | -  | ├-       | -             | ┝          | -        | <b>}</b> ~ | -             | ₽ |
|       | 113        | -        | -  |          | ├-            | -          | ┝        | ├-         | -             | ⊦ |
|       | 115        | ⊢        | -  | -        | ╌             | -          | -        | ╌          | -             | ⊦ |
|       | 116        | -        | ╌  | -        | -             | ╀          | -        | -          | ⊢             | H |
|       | 117        | +        | -  | ⊢        | -             | +-         | ⊢        | -          | -             | H |
| _     | 118        | ⊢        | -  | -        | ⊢             | +-         | -        | ⊢          | -             | H |
|       | 119        | -        | +-   | $\vdash$ | -             | +-         | H        | +-         | -             | t |
| _     | 120        | -        | +  | -        | -             | +-         | -        | +-         | -             | H |
| _     | 121        | -        | -  | -        | $\vdash$      | 1-         | -        | -          | -             | t |
|       | 122        | 1        |  | -        | -             | +          | -        | -          | -             | H |
|       | 123        | -        | -  | _        | -             | 1-         | +        | 1          | -             | t |
| _     | 124        | -        | $\vdash$   | -        | -             | +          | +-       | 1          | -             | H |
|       | 125        | -        | $\vdash$   | $\vdash$ |               | T          | $\vdash$ | 1          | $\overline{}$ | t |
|       | 126        | 1        |  |          |               |            |          | ,          |               |   |
|       | 127        | Г        | -  |          | Г             | 1          |          | Г          |               | T |
|       | 128        |          |  |          |               | Г          |          |            |               | Γ |
|       | 129        |          |  |          |               | Γ          | Г        |            |               |   |
| _     | 130        |          |  |          |               | L          | L        | L          |               |   |
|       | 131        | <u>_</u> |  | _        | L             | L          | _        | L          | L             | L |
|       | 132        | _        | L  | _        | _             | ┺          | _        | ١.         | L             | L |
|       | 133        | L.       | _  | L        | _             | 1          |          | 1          | _             | L |
|       | 134        | _        | _  | L        | _             | _          | L        | _          |               | L |
|       | 135        | ⊢        | ┞-   | L.       | _             | -          | ļ.,      | Ļ.,        |               | L |
|       | 136        | ⊢        | ├-   | ⊢        | -             | <b>!</b> − | ┞-       | <u> </u>   | ⊢             | H |
|       | 137<br>138 | ⊢        | ⊢  | -        |               | ⊬          | ⊢        | -          | $\vdash$      | H |
| _     | 139        | ⊢        | -  | ⊢        | -             | +-         | ╀        | -          | $\vdash$      | ⊦ |
|       | 140        | -        | ⊢  | -        | -             | ⊢          | ┼        | ├-         | ⊢             | ⊦ |
|       | 141        | -        | H  | $\vdash$ | ⊢             | ├-         | +        | -          | ⊢             | ┝ |
| _     | 142        | ⊢        | -  | H        |               | +          | +-       | -          | -             | H |
|       | 143        | -        | -  | $\vdash$ | -             | -          | +        |            | -             | H |
| _     | 144        | $\vdash$ | +  | $\vdash$ | $\vdash$      | +          | +        | +          | -             | t |
|       | 145        | -        | _  | _        | $\vdash$      | 1          | $\vdash$ | -          | $\vdash$      | t |
|       | 146        | 1        | 1  |          | $\vdash$      | t          | 1        | ţ          | $\vdash$      | t |
|       | 147        | 1        | <del>                                     </del> | 1        | T             | 1          |          |            | 1             | t |
|       | 148        |          | 1  | -        | Г             |            |          |            | _             | T |
|       | 149        |          |  |          |               |            |          |            |               | Г |
|       | 150        |          |  | _        | $\overline{}$ | 1          |          | Г          |               | 1 |